



# L-M's line of lights brings 'em in safely!

All over the world, L-M runway lights are bringing pilots in to safe landings—in all kinds of weather. For L-M lights more runways than do all other high intensity systems combined. L-M's complete line of runway lights all airports—from the smallest to the largest. For complete information ske the L-M Field Engineer or Anterior Lighting Division, Line Material Company, East Struckburg, Pennsylvania. (Line Material is a McGraw Electric Company division.)

\*\*\*\*\*\*\*\*

Above, left to right: L-M's famous extreme high intensity unit—180,000 cp with controllable beam; new fixed focus bi-directional high intensity unit; approved under CAA specifications L-818 and 819, respectively. Medium intensity unit for secondary runways, taxiways, and smaller airports.

LINE MATERIAL...Airport Lighting



All news engine fighters for the North research and the State of the S





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n given amount of loans; energy than if any other bode.

More no a few of the planes that we extract these bonefus of the BSO wheel and bette sourcely Sourceaster, BSC Constitution, B-47, Navian, C-124, B-43, PFV, F-84, consented DC-in, conversed Standards Tury your DC-in.

B.F.Goodrich



# Now DC-4 operators, too, can cut brake maintenance costs





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# Aviation Week Volume 52 April 10, 1950 Number 15

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Standard Buildings by Luria

# Here's the fast, easy way to solve <u>all</u> of your airport building problems

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Standard Buildings by LURIA

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# **TROUBLE-FREE** PERFORMANCE...LOWER **MAINTENANCE COSTS**

# P-T Air Service sprays million acres annually relies on Texaco for dependable operation of its 58 planes

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Make your first step towards simpler labelme, lead "We have used Texago newhork creased efficuency send coduced costs calling us a Toyoto Awaring Representative Traves Whelesale Distributing Places in the Teuco Labrication Engineering Service has These benefits explain why Texaco is so The Trees Company, Arterior Division,

TEXACO Lubricants and Fuels

## NEWS SIDELIGHTS

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# Who Wags What?

## Harmony at Commerce Some government too-orden wake

# FLECTRIC ROTARY ACTUATOR



The new TRIM TROL to now aready re-

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M. Starle Connector, 1900 inch awards may III Courselon Level Conneils, 350 in the Unit Berlief # Pecition Transmitter or Patentiometer Built in. D. Compliance with all applicable specifications.









# AVIATION CALENDAR

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PICTURE CREDITS

AVERTION WEEK, April 10, 1930

## NEWS DIGEST

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INTERNATIONAL

of faster plane

tools, offers the world's largest has of reservatio and electric





# The fastest and most modern air coach service ever offered



# The only scheduled DC-6 air coach service

added the elependability and spend of DC 4 according that service making in the finest in low cost ser travel. Manuel by plants with pressurated cibers will operate on a dials

AMERICAN AIRLINES .....

## ALL DAVIDENT SCENIC FLIGHTS

LOS ANGELES ? 110

## WHO'S WHERE INDUSTRY OBSERVER

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April 10, 1950

Pressure Builds Up for More Plane Funds

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ANATION WEEK April 10 7530

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Air Force Contracts

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ACC Transport Plan

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FIRST KAMAN FOR NAVY On its war dor finder arms in this Kanner. Goes, about for the top to the Naral Air.

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-By ECLIPSE-PIONEER!

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Complete and intentive everythings protection is ob-



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# AERONAUTICAL ENGINEERING

# Research Gains Consolidated By NACA

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13 Summing Up Pindings on Stall Womage, Sept. 15, 1949.

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Index to NACA Research Data

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# New ADEL Lightweight 3000 PSI SOLENOID, PILOT-OPERATED 4-WAY SELECTOR VALVES



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of separately controllable 5-may or 1000 per When to restor.

CHARACTERISTICS OF BOTH DODGET AND STING TYPE VALVES-

Produced for IP00 with at 19 with

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One example of difficulties in the

problems of our growing industry. WEITE THEAT FOR DETAILS



# Ideas plus initiative

Taxes smertarms atmospheric conditions at 100,000 feet and own. Tests for feet progratic and hydraulic units at trementure pressures and flows...tests for temperature from -100°F to 700°F ...all made in laboratory

equipment designed and heilt through the ideas and initiative of Hydro-Aire's own

More and more, aircraft designers are relying on Hydro Arre vision, research and experience credt. Perhaps these sizes and this instatue will help you solve some of the complex



# Why each month sees more airlines depending

on Fenwal's positive fire detection



Deviceme marks THERMOSWITCH\*



Unavail Simplicity of Operation



Peywol Incorporated, 124 Pleasant Street,

THERMOSWITCH\*

Aircraft Fire and Over-Heat Detectors SENSITIVE...but only to heat

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In addition, the effects of leading and

ANIATION WEEK AND TO 1950



# **FULTON SYLPHON** Stainless Steel Rellows Assemblies

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# INSTRUMENTATION PROBLEM?

# RADAR BEACON





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## There's no ceiling on progress . . . through cooperation

Back year sees further advances in speed in a safety .... in operating effdency. And each advance puts a new tax on every functioning part. Bearand hall and roller bearings must stand up under the super temperatures associated with super speeds. 2000F, through concentive progress with to produce bearings that are right for the most rigorous service. ALCO Industries, Inc., Philodelphia 33, Pa.



Primeres of the Berg Crosse Roll Rearing - Spherical Builty Scoring - Self-All guing Bull Boaring

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GREATER VALUE than ever! Again in 1998. Cherrolet is the outstanding leader in

popularity, performance, povioud and price. Cheerolet

See your Chevrolet Dealer today. He sells a P-L truck POWER CREATER VALUE then cont

CREVINGLEY MCCCR, DEVENOY, Greated Michael Corporation

Out in front with all these Plas Features \* TWO GETAZ VALVEOU WAS ENGINED the New 125 A.m. Land Morter and the CONCREGUATION TRANSMISSIONS for his smooth children + MOPCOS BEAM A303-3 there were directly then used breef type . 00085-A80004715

# CHEVROLET PiL

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This new fails endoord, hermetically sealed switch is a new HICSO first for oviotion

> \* ALTITUDE \* DIFT + MOISTURE

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PRECISION SWITCH for Aircraft

A NEW MICRO HERMETICALLY SEALED

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MICRO . . . first name in precision switches

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# permitting

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ONE TOOL-ONE DRAW Thin or Thick Material

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> > announce

THE NEW DEEP DRAWING AND PRECISION METAL FORMING PROCESS

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# AVIONICS





# Lab Speeds Electrical Proving

Boeing's new research and test facility avoids plane tie-up. Assignments from other companies undertaken. As electrical behaviour expected to. Minterest, head of Boerry's acception



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\*Cocket Mockey Pleased-Tempo-

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AVIATION WEEK And 10, 1950

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# INCREASED POWER LOWER MAINTENANCE LONGER ENGINE LIFE

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A NUMBER OF THE PARTY ...









THE INTERNATIONAL NICKEL COMPANY, INC. SEWMERS N.Y.



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► Reconfigur - Above the console, a load-

ANATIGN WITK, April 10, 1990





















# FINANCIAL

# 1949 Good to Lockheed, Douglas Companies had year-end backlog of over \$200 million each; both showed profit on commercial work.

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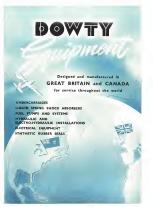
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# NEW AVIATION PRODUCTS



# Flexible Metal Pipe for Jets space and weight and increases safety.

Custom made tubing with integral angle couplings saves

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White couplings generally come in we streeted region, trics will make

For presence up to 1000 per where

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Airport Lighting Aid

Suitable for sense or marketic open



# Small Regulator







Subminiature Relay











Engine Controller

Fatigue Tester

South Corp. Meter else, Los Augúns 26 v 111 v 716 ra overall

# PRODUCTION



# CUTAWAY of floring pe tradere that now is being placed so public artifolious. Boeing Readies Turbine for Market

First, fire Merceson, stuff resoluted to linkbuy for its fature referencest, 2841

Total '49 Sales Nearly 82 Billion quates associated to \$1270 uniform (Accepted Warts Feb 27), and sales for the last quarter were \$331 uniform.

Navy Awards

\*Gloss L Mater Co has gusted Bylopens, inc., N. Y. C., the nicker

# Mast versatile of cargo-carriers - the Boeing

# C-97 Stratofreighter



to be excessed with radio. He







BOEING

# AIR TRANSPORT

## No Technical Bars to Copter Use Rotary-wing experts and airline traffic men agree that developments open way to transport applications.

By Alexander McSurely Philadelobia-Fature at the cred master at the low ment New York. · Instrument flickt execution of caul. Hit lis, in delivery two, Cleaned, and duction, covering study of honorous

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High Cost of Reverse Thrust \$37,120,000 for parsent tricycle year planes.

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Eastern Reports 15th Profitable Year

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Faulty Procedure Blamed in Accident

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PLATID - Many types including to TORONG-Seasoning & walked you

Joseph T. Revenus & Don, Lee. Flowth, New York, States



World's Largest Airline Tailors

SELECT WELLER SHILLS BY Far Nee and Homes

APPEL MACHINE With Hamilton believed you have it's code? TAILDENS CO. cost power to help in takeoff at the

MECHANICS NPA Turned Down

By Mediation Board

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Today's hest procedures to AIRCRAFT OVERHAM . REPAIR INSPECTION - MAINTENANCE

BASIC AIRCRAFT

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# Rusco Seat Belts Put Safety First...

Consider those 6 outstanding Fasteres of Tog-L-Lok Seat Bolts famous possess outre . . . to look or

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president: Ing. Angelo Ambrosini B.O.D. general manager: Bott: Michele Barnldini considered Bohost O'Dulem

# MOVING?

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Montreal-N.Y. Bun

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# SHORTLINES

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